Ex - 02

1500
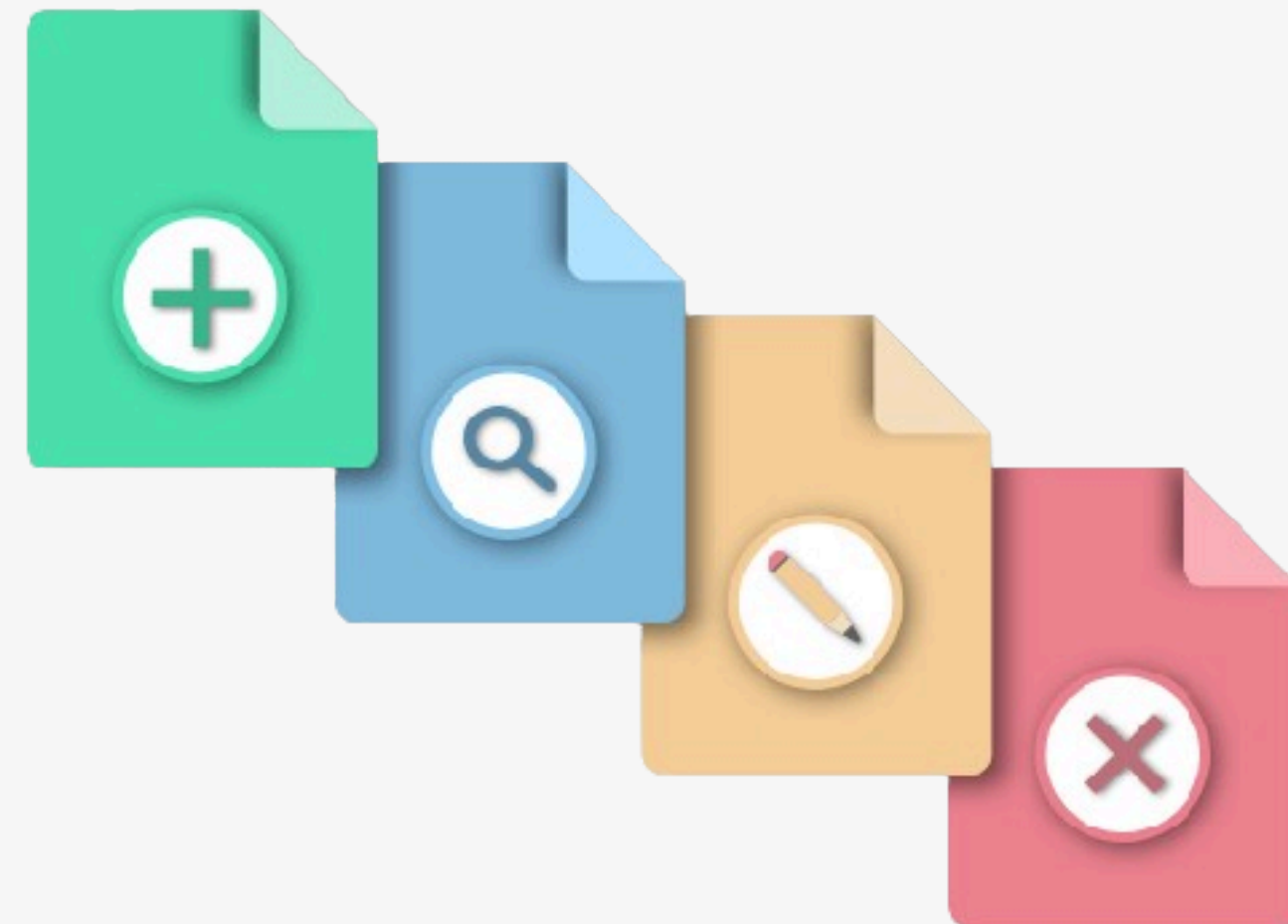
After any exercise, attach the commands' screenshots related to the exercise.

1. **File and Folder manipulation in Linux.**   **6*100 =600**

   Do the following steps, in order.

   a. Create 2 directories, directory_01 and directory_02.

   b. Create 2 files (file_01.txt, file_02.txt) in directory_01 and Create 2 files (file_03.txt, file_04.txt) in directory_02, also.

   c. Copy file_01.txt in to directory_02.

   d. Cut file_03.txt from directory_01 in to directory_02.

   e. Remove file_02.txt from directory_01.

   f. Rename file_04.txt to renamed_file_04.txt

2. ML Model Deployment on the Ubuntu Server.

Do the following steps in order and attach screenshots and related file to the answer sheet)

a. Design and Train a desired ML Model using sci-kit learn. (attach the code file to the answer sheet.)

b. Save the model using joblib.

c. Transfer the model in to the Server using **SFTP** Protocol.

d. Create and Activate a Virtual Environment in your server

e. Install your ML requirements.

d. Execute ML model inference file and input a sample data and print the output.